Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

QM/F 33(B)

Bill No 1st and FINAL (For Other Works) Date

DASARAHALLI DIVISION T DASARAHALLI DIVISION

Bill Received No Dated---------- Cash Book Voucher No dated----------

Scheduled Docket No Head of

Account : P-1878 18per (BHAGYAJYOTHI,SOORU/NEERU YOJANE AND GENERAL)(54 LAKHS/NEW WARDS)

Est cost Rs 100.00 Lakhs

Name of work (as per sanctioned estimate) Job Code No:-014-20-000113

IMPROVEMENT OF CC ROADS, DRAINS AND OTHER WORKS AT VIJAYALAKSHMI LAYOUT IN WARD NO 14

Name of Contractor -M/S TECHNICAL MANAGER(WEST) K R I D L, NO280,59TH CROSS,17TH MAIN ROAD,3RD Y BLOCK RAJAJI NAGARA, BANGALORE560010

Reference to Agreement No:EE/DD/AGR/01/2020-21 Date-13-04-2020

Certified that the measurements were taken by me on 08/06/20 and recorded in Pages 484844 - 484845 of measurement Book No 4349/2019-20 and that the work is satisfactorily executed

Contractor. Officer in charge of work.

Certified that the measurements were taken by me on ..... and found correct

The work is satisfactory executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and contractor has not previously received any advance on this security These materials are of an imperishable nature and are all required for immediate usage on the work in connection with items for finished work have been agreed upon A normal agreement signed and executed by the contractor is recorded in the office

Sub Division Officer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ಉ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಪಿ.ಜಿ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು-560073.

II Memorandum of payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being------- percent Rs.
3) -do- Balance
4) Deduct payments
a) Amount of previous payment as in the office cash book voucher No----------Dated----------S D No----------
b) Payments cost store or other materials supplied
Now made recovery of amount creditable to this / other work
Amount paid on this bill cheque / cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office cash Book Voucher No---------- dated ----------less adjustments
7) Net amount due to or from contractor
Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Contractor's Signature.

Received Rs (in words) (For office use)

by cash and by adjustment of payment as per memorandum

Witnesses 1

2

Dated signature of contractor Stamp

Paid by me by cheque No Dated

Cash Rs Dated

Executive Engineer.

Initials of officer making payment

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1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202
3	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification
5	Providing and laying palin / reinforced cement concrete for side drain using M20 nominal mix conncrete with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, well compacted for walls and bottom including centering,shuttering, cost of materials,HOM
6	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 -do- TMT Bars Fe 500. All lead and lift complete as per specification and as per the directon of the engineer in charge of the site.
7	Providing & fixing Precast RCC slab of 100mm thick for drain in cement concrete 1:1:5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including from work lift charges, curing and concrete finished surface on both side
8	Providing and fixing precast reinforced cement concrete covering slabs of 30.Cm thick made out of M25 with OPC cement @340 Kgs per Cum,with 20mm and down size graded granite metal coarse aggregates @0.70 Cum and fine aggregated @0.74 Cum with super plasticisers, machine mixed, including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost & reinforcement charges, including finishing as required with cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work
9	Providing & Fixing Precast RCC slab of 250mm thick for culverts made of plain/reinforced cement concrete desigh mix M25 with OPC @ 340 Kgs with 20mm and down size graded granite metal course aggregates @ 0.70 cum and fine aggregates @ 0.47 cum. with super plasticizer @ 3lts confirming to 189103-1999
10	Removing and resetting of footpath slab
11	KSRB 15.2.2 Providing ruled pointing to stone slab pavements with cement mortar 1:3, 20mm deep, after raking joints , including cost of materials, labour, curing complete as per specifications. complete as per specification and as per the directon of the engineer in charge of the site.

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Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
	Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
Cum	0.00	0.00	121.14	952.94	115439.00	121.14	115439.00	
Cum	0.00	0.00	357.00	372.06	132825.00	357.00	132825.00	
Cum	0.00	0.00	738.05	137.80	101703.00	738.05	101703.00	
Cum	0.00	0.00	167.40	5714.99	956689.00	167.40	956689.00	
Cum	0.00	0.00	307.68	7189.45	2212050.00	307.68	2212050.00	
TONNE	0.00	0.00	23.08	72326.98	1669307.00	23.08	1669307.00	
Sqm	0.00	0.00	976.56	1615.00	1577144.00	976.56	1577144.00	
Sqm	0.00	0.00	0.00	5703.00	0.00	0.00	0.00	QTY NOT EXECUTED
Sqm	0.00	0.00	0.00	3306.14	0.00	0.00	0.00	QTY NOT EXECUTED
Sqm	0.00	0.00	0.00	208.82	0.00	0.00	0.00	QTY NOT EXECUTED
Sqm	0.00	0.00	0.00	48.76	0.00	0.00	0.00	QTY NOT EXECUTED

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12	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 do with OPC at 160 kg/cum and coarse aggregate
13	Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver
14	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shoveis, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and
15	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift complete as per specification and as per the directon of the engineer in charge of the site.
16	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road ITEM no. 17.4 , KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.complete as per specification and as per the directon of the engineer in charge of the site.

Certificate:-

1 .The contractor has executed the work satiesfactory Hence the bill is Recommended for payments
2 . The contractor has cleared all the Debries from work spot.
3 .works comes under BBMP Limit.

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Cum	0.00	0.00	155.04	3948.50	612175.00	155.04	612175.00	
Cum	0.00	0.00	155.04	2001.28	310278.00	155.04	310278.00	
Cum	0.00	0.00	121.14	5274.56	638960.00	121.14	638960.00	
Sqm	0.00	0.00	1033.60	72.08	74502.00	1033.60	74502.00	
Cum	0.00	0.00	1216.19	157.09	191051.00	1216.19	191051.00	
Total					8592123.00		8592123.00	
Total	LIMITED AMOUNT TO AGREEMENT AMOUNT OF RS						8580444.66	
TOTAL							8580444.66	
ADD 12% GST							1029653.36	
TOTAL AMOUNT							9610098.02	
ADD 4% KRIDL CHARGES							384403.92	
NET AMOUNT PAYABLE OF RS							9994501.94	

Assistant Engineer -14

Assistant Executive Engineer
T Dasarahalli Sub-Division

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